

REMARKS

The present response cancels claims 1-7 without prejudice or disclaimer as to the subject matter recited therein. The title, specification, and drawings have been amended. In addition, claims 8-18 have been added. Claims 8-18 are pending in the captioned case. Further examination and reconsideration of the presently claimed application are respectfully requested.

Objections to the Drawings

Objections were lodged against the drawings for various informalities. In response thereto, replacement sheets are provided for Figs. 1-4 incorporating the Examiner's helpful suggestions. In addition, the specification has been amended in order to properly identify the drawings. Applicants believe that the replacement sheets and specification amendments obviate these objections. Accordingly, Applicants respectfully request removal of these objections.

Objections to the Specification

Objections were lodged against the specification for various informalities. In response thereto, a substitute specification is provided incorporating the Examiner's helpful suggestions. Applicants believe that the substitute specification and amendments therein obviate these objections. Accordingly, Applicants respectfully request removal of these objections.

Objections to the Claims

Objections were lodged against the claims for various informalities. In response thereto, claims 1-7 have been canceled in light of new claims 8-18. To help expedite the Examiner's review, the following table helps correlate subject matter presented in the original (now canceled) claims to the new claims 8-18.

| <u>Original Claim No. Subject Matter</u> | <u>New Claim No.</u> |
|---|-----------------------------|
| 1 | 8 |
| 1 | 9 |
| 1 | 10 |

| <u>Original Claim No. Subject Matter</u> | <u>New Claim No.</u> |
|--|----------------------|
| 1 | 11 |
| 2 | 12 |
| 3 | 13 |
| 4 | 14 |
| 5 | 15 |
| 6 | 16 |
| 6 | 17 |
| 7 | 18 |

Section 102 Rejection

Original claims 1-7 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,256,960 to Novini (hereinafter "Novini"). Since original claims 1-7 have been canceled, the arguments presented will be directed toward new claims 8-18. The standard for "anticipation" is one of fairly strict identity. A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art of reference. *Verdegaal Bros. v. Union Oil Co. of California*, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987); MPEP 2131. Furthermore, anticipation requires the presence in a single prior art reference disclosure of each and every element of the claimed invention, as arranged in the claim. *W.L. Gore & Assocs. V. Garlock*, 721 F.2d 1540, 220 USPQ 303 (Fed. Cir. 1983). Using these standards, Applicants submit the cited art fails to disclose each and every element of the currently pending claims, some distinctive features of which are set forth in more detail below.

Novini does not teach or suggest analysing signals from a magnetic field sensor to form a derivation (by the analyser unit) as a function of time. Present claim 8 recites two elements: a magnetic field sensor and an analyser unit. The magnetic field sensor sends signals to the analyser unit and the analyser unit then receives those signals and forms a derivation as a function of time from those signals. Contrary to claim 8, Novini merely describes sampling field strengths at predetermined intervals (Novini -- col. 12, lines 38-40). The predetermined intervals at which field strengths are sampled can then be sent to memory, and thereafter read from memory to determine if the field strengths might exceed a hazardous level of magnetic field radiation (Novini -- col. 12, lines 41-43).

While Novini describes sampling magnetic fields at certain intervals, Novini in no way describes what happens after the samples are taken other than to compare them against a hazardous level. Present claim 8 does describe what happens after samples (i.e., signals) are taken. Specifically, claim 8 describes an analyser unit which forms a derivation as a function of time from those samples/signals. That derivation might be an integration or a differentiation. In other words, claim 8 describes maybe calculating the differentiation between two signals/samples, the area beneath a series of signals/samples, or other forms of derivation of two or more signals derived as a function of time. Novini in no way forms any such derivation post sampling, and certainly does not form any such derivation as a function of time post sampling. The only teaching in Novini is a comparison of samples to a hazardous level, which does not equate to a derivation as a function of time.

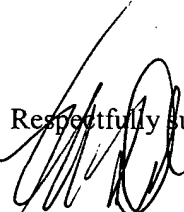
For at least the reasons set forth above, Applicants assert that independent claim 8 and claims dependent therefrom (claims 9-18) are not anticipated by the cited art. Accordingly, Applicants request removal of this objection.

CONCLUSION

The present amendment and response is believed to be a complete response to the issues raised in the Office Action mailed March 25, 2005. In view of the remarks traversing the rejections, Applicants assert that pending claims 8-18 are in condition for allowance. If the Examiner has any questions, comments, or suggestions, the undersigned attorney earnestly requests a telephone conference.

No fees are required for filing this amendment; however, the Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment, to Daffer McDaniel, LLP Deposit Account No. 50-3268/5858-00700.

Respectfully submitted,


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Amendments to the Drawings

Amendments are made to Figs. 1-4 in accordance with suggestions offered by the Examiner.
Replacement sheets are provided for Figs. 1-4.

Attachment: Replacement sheets (Figs. 1-4).